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Serial No. 10/770,893  
67097-022IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Song  
Serial No.: 10/770,893  
Filed: February 3, 2004  
Group Art Unit: 1742  
Examiner: Morillo, Janell Combs  
Title: CASTABLE HIGH TEMPERATURE ALUMINUM ALLOY

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

RESPONSE

Dear Sir:

This paper is responsive to the final Office Action mailed on 8 August 2007. Please reconsider the rejections in view of the following remarks.

**REMARKS**

Claims 1-16 and 26-29 are pending in the application.

Claims 1-4, 10-13, and 26-29 were rejected under 35 U.S.C. §103(a) as being unpatentable over Watson. In response to Applicant's arguments filed on 15 May 2007, the Examiner argues that Watson teaches that all of the elements Ti, Zr, Sc, Er, and Yb can be substituted for one another (col. 3, lines 5-8). On this basis, the Examiner concludes that it would have been obvious to replace Sc with Er and Yb as a substitution of equivalents that are known for the same purpose. Respectfully, Applicant disagrees with this reasoning because Watson does not teach that all of the listed elements are equivalents that may be substituted for one another. That is, the broad composition that the Examiner relies on (col. 2, lines 10-11) and also the more specific examples given (col. 4, lines 5-23) each include the element Sc. Furthermore, none of the given compositions of Watson disclose using a combination of Er and Yb. Thus, through the example compositions, Watson teaches that other elements may not be substituted for Sc. For this reason, Applicant respectfully requests that the rejection be withdrawn.